



ANSI C12.21-2006

American National Standard

Protocol Specification for
Telephone Modem
Communication



ANSI C12.21-2006
Revision of
C12.21-1999

American National Standard

**Protocol Specification For Telephone Modem
Communication**

Secretariat:

National Electrical Manufacturers Association

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Foreword (This Foreword is not part of American National Standard C12.21-2006.)

This American National Standard provides an open-platform communications protocol for two-way communication with a metering device via a telephone modem. The protocol is written to conform to the OSI seven-layer stack.

Long-time readers of ANSI C12.21 will discover many editing changes to this version of the Standard. The Working Group chose to improve the clarity of the text as an aid to the reader while retaining the normative elements in the manner of previous publications.

The 2005 revision of this Standard was considered in the context of the so-called "protocol suite" of ANSI standards: C12.18, C12.19, C12.21 and C12.22 (draft). Changes made were included only after assuring that existing devices implementing C12.21 would continue to remain compatible with the 2005 revision.

It is expected that the Logoff Service will become mandatory in the next revision of this Standard. Implementers are strongly encouraged to support this service to comply with this change.

Suggestions for improvement to this Standard are welcome. They should be sent to:

National Electrical Manufacturers Association
Vice President of Engineering
1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

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